

## WEST Search History





DATE: Wednesday, May 17, 2006

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L15	20020152327.pn.	2
<input type="checkbox"/>	L14	L13 and (fabric near5 switch)	18
<input type="checkbox"/>	L13	infiniband and buffer\$1 and (queue near5 pair\$1) and @py<=2002	21
<input type="checkbox"/>	L12	(host and buffer and module\$1 and (queue near5 pair\$1) and (switch near5 fabric) and infinite) and @py<=2002	0
<input type="checkbox"/>	L11	L10 and (fabric near5 switch)	5
<input type="checkbox"/>	L10	(multiple near5 buffer\$1) and (queue near5 pair\$1) and (buffer\$1 near5 management) and @py<=2002	9
<input type="checkbox"/>	L9	L6 and (pre\$buffer\$1)	0
<input type="checkbox"/>	L8	L6 and (pre\$buffer\$1) and (post near5 buffer\$1)	0
<input type="checkbox"/>	L7	L6 and (pre\$buffer\$1) and (post near5 buffer\$1) and (data near5 message\$1)	0
<input type="checkbox"/>	L6	pre and post and buffer\$1 and message\$1 and client and registration and queue and pairs and default and data and @py<=2002	144
<input type="checkbox"/>	L5	20030005039.pn.	2
<input type="checkbox"/>	L4	L1 and (compar\$3 same message\$1)	0
<input type="checkbox"/>	L3	L2 and threshold	0
<input type="checkbox"/>	L2	L1 and compar\$3	1
<input type="checkbox"/>	L1	6789143.pn.	2

END OF SEARCH HISTORY

[Sign in](#)[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Maps](#) [more »](#)

2000 remote direct memory access queue pai

[Advanced Search](#)  
[Preferences](#)**Web** Results **41 - 50** of about **53,900** for **2000 remote direct memory access queue pairs switched fabric n**[\[PDF\] RDMA Read Based Rendezvous Protocol for MPI over InfiniBand ...](#)

File Format: PDF/Adobe Acrobat

**Remote Direct Memory Access** (RDMA) is a technique by ... uses a **queue**-based model.A **Queue Pair** in InfiniBand consists of two queues: a send **queue** and a ...

portal.acm.org/affiliated/ft\_gateway.cfm?id=1122978&amp;type=pdf&amp;coll=portal&amp;dl=acm -

[Similar pages](#)[\[ More results from portal.acm.org \]](#)[\[PDF\] ECHNOLOGY RIEF](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)new **switched fabric** architecture must be able to coexist with shared bus architecturesfor ... A message can be a **remote direct memory access** (RDMA) read or ...gutleber.home.cern.ch/gutleber/infinibandinfo/Compaq23092000.pdf - [Similar pages](#)[\[PDF\] An Analysis of VI Architecture Primitives in Support of Parallel ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)is a **Remote Direct Memory Access** model, where the sender delivers or reads datadirectly to a ... HCA/TCA is the work **queue pair** (QP) which is equiv- ...www.cs.berkeley.edu/~abegel/split-c.pdf - [Similar pages](#)[\[PDF\] IB Intro Rel152.fm](#)

File Format: PDF/Adobe Acrobat

A **switched fabric** is a point-to-point **switch**-based interconnect designed for fault ...Transport Header (BTH) that contains the destination **queue pair** and ...www.infinibandta.org/newsroom/whitepapers/intro\_to\_infiniband\_1207.pdf - [Similar pages](#)[\[PDF\] Blades Progress](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)performance to each **node**, **remote direct access memory** (RDMA) ... without new **switch****fabrics**, protocols, or application changes. Because ...www.bladesystems.org/elearning\_center/publications/BladeLetterQ204.pdf - [Similar pages](#)[Cray-Dell Linux Cluster User Guide](#)**Nodes** are interconnected by a Myrinet-2000 **switch** and adapters in a Clos ... There is also a low-level interface for more control and **direct access** to the ...

www.tacc.utexas.edu/services/userguides/lonestar/ - 162k - May 16, 2006 -

[Cached](#) - [Similar pages](#)[body.php](#)**Nodes** are interconnected by a Myrinet-2000 **switch** and adapters in a Clos topology to ensure a ... In Fortran, prefer **direct access** to sequential **access**. ...

www.tacc.utexas.edu/services/userguides/guide\_config/body.php?sys=pwrE - 150k -

[Cached](#) - [Similar pages](#)[\[ More results from www.tacc.utexas.edu \]](#)[\[PDF\] Distributed Computing with the CLAN Network](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)a **remote node** is represented by an **Remote Direct. Memory Access** (RDMA) cookie, the possession of ... blocking crossbar **switch fabric**. A bridge to Gigabit ...

[www.cl.cam.ac.uk/Research/DTG/attarchive/clang/clang\\_sigcomm2002.pdf](http://www.cl.cam.ac.uk/Research/DTG/attarchive/clang/clang_sigcomm2002.pdf) - [Similar pages](#)

[PDF] [Fast and Scalable Barrier using RDMA and Multicast Mechanisms for ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

for the **Remote Direct Memory Access** (RDMA) message passing model as well as the multicast ... ing **nodes** and initiate communication within the **fabric**. ...

[www.osc.edu/~pw/papers/kini-ib-barrier-europvm03.pdf](http://www.osc.edu/~pw/papers/kini-ib-barrier-europvm03.pdf) - [Similar pages](#)

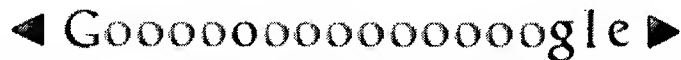
[PDF] [FACTORS INVOLVED IN THE PERFORMANCE OF COMPUTATIONS ON BEOWULF ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

VIA supports send/receive and **remote direct memory access** (RDMA) read/write ...

finiBand is a **switched-fabric** I/O technology that ties together servers, ...

[etna.mcs.kent.edu/vol.15.2003/pp211-224.dir/pp211-224.pdf](http://etna.mcs.kent.edu/vol.15.2003/pp211-224.dir/pp211-224.pdf) - [Similar pages](#)



Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Maps](#) [more »](#)

2000 remote direct memory access queue pai

[Search](#)[Advanced Search](#)  
[Preferences](#)**Web** Results 21 - 30 of about 53,900 for 2000 remote direct memory access queue pairs switched fabric n[\[PDF\] Breaking through the Bottleneck](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

**Switch**, connecting all the **nodes** in a **switched** point to point manner ... SRP uses RDMA (**Remote Direct Memory Access**) to pass data directly between the ...  
[www.hitachi-hitec.com/jyouhou/network/@gif/voltaresdp\\_.pdf](http://www.hitachi-hitec.com/jyouhou/network/@gif/voltaresdp_.pdf) - [Similar pages](#)

[\[PDF\] Efficient Exploitation of Kernel Access to Infiniband: a Software ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

**fabric**. Verbs. Consumer. Work. Request. Work. Completion. **Queue Pair**. CQE. Completion **Queue** ... **Remote Direct Memory Access** (memory semantics). The ...  
[www.hoti.org/archive/Hoti11\\_program/papers/hoti11\\_19\\_Liss\\_L.pdf](http://www.hoti.org/archive/Hoti11_program/papers/hoti11_19_Liss_L.pdf) - [Similar pages](#)

[\[PDF\] An Introduction to the InfiniBand™ Architecture](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

QP, and specifies **access** rights. If **remote access** to **memory** ... Thus each process on each **node** requires.  $M \times (N-1)$  **queue pairs**, as illustrated in Figure 17 ...  
[www.gridbus.org/~raj/superstorage/chap42.pdf](http://www.gridbus.org/~raj/superstorage/chap42.pdf) - [Similar pages](#)

[\[PDF\] Programming the Infiniband Network Architecture](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

**access** the same InfiniBand entity (such as **queue pair** or ... are designed to benefit from the **remote direct memory access** (RDMA) capabilities of ...  
[www.verarisoft.com/publications/prog\\_ib\\_2003-07-11.pdf](http://www.verarisoft.com/publications/prog_ib_2003-07-11.pdf) - [Similar pages](#)

[\[PDF\] Enabling Production-Level Computing on Linux and Windows Clusters ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

shared-bus-based technologies by utilizing **switched-fabric**. architecture. The data link rate of the full ... The HCAs are equipped with **Direct Memory Access** ...  
[www.verarisoft.com/publications/sci-02-msti-paper-final.pdf](http://www.verarisoft.com/publications/sci-02-msti-paper-final.pdf) - [Similar pages](#)

[RFC's](#)

RFC2173: A MAPOS version 1 Extension - **Node Switch** Protocol. ... RFC4297: **Remote Direct Memory Access** (RDMA) over IP Problem Statement. ...  
[coders.meta.net.nz/~perry/rfc/keyword.html](http://coders.meta.net.nz/~perry/rfc/keyword.html) - 977k - [Cached](#) - [Similar pages](#)

[\[PDF\] COTS02 p22-73](#)

File Format: PDF/Adobe Acrobat

**switched fabric** to each **memory** controller, but shares. that **memory** controller among multiple processors. ... with its **Remote Direct Memory Access** (RDMA) ...  
[www.cotsjournalonline.com/pdfs/2003/02/COTS02\\_interconnect.pdf](http://www.cotsjournalonline.com/pdfs/2003/02/COTS02_interconnect.pdf) - [Similar pages](#)

[\[PDF\] Microsoft PowerPoint - 2002-Woods\\_S\[1\].ppt](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

**Remote DMA** (RDMA). **Queue Pair** (QP) asynchronous operations. **Queue Pair** (QP) asynchronous ... point, **switched fabric**. interconnect architecture for servers ...  
[www.linuxclustersinstitute.org/Linux-HPC-Revolution/Archive/PDF05/presentations/Woods\\_S-lustre.pdf](http://www.linuxclustersinstitute.org/Linux-HPC-Revolution/Archive/PDF05/presentations/Woods_S-lustre.pdf) - [Similar pages](#)

[\[PDF\] Comparing TCP/IP Ethernet with Advanced Switching for Intra-System ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

**switch fabric.** These systems can span a single chassis or can span ... (**Remote Direct Memory Access**) over TCP/IP enables **direct** placement of data in the ...

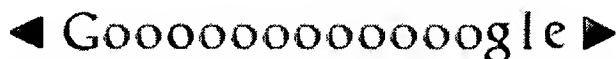
[www.asi-sig.org/education/whitepapers/RDMA\\_Whitepaper.pdf](http://www.asi-sig.org/education/whitepapers/RDMA_Whitepaper.pdf) - [Similar pages](#)

**VI: Enabling High-Performance Data Access.**(Industry Trend or Event ...

... **2000** were early adopters of VI, exploiting the benefits of **direct memory access**. ... The InfiniBand point-to-point **switched fabric** supports reliable ...

[www.highbeam.com/doc/1G1:77058038/VI~C~+Enabling+High-](http://www.highbeam.com/doc/1G1:77058038/VI~C~+Enabling+High-)

[Performance+Data+Access~R~\(Industry+Trend+or+Event\)...](#) - 37k - [Cached](#) - [Similar pages](#)



Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [Next](#)

2000 remote direct memory access

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Maps](#) [more »](#)

2000 remote direct memory access queue pai

[Search](#)[Advanced Search](#)  
[Preferences](#)**Web** Results **11 - 20** of about **53,500** for **2000 remote direct memory access queue pairs switched fabric n**[\[PDF\] InfiniBand Architecture: Bridge Over Troubled Waters](#)

File Format: PDF/Adobe Acrobat

cated into distinct "work **queue pairs**," with packets. distributed and disseminated throughout the Infini- ... **remote direct memory access**; translates and ...  
[www.mellanox.com/pdf/whitepapers/illuminata.pdf](http://www.mellanox.com/pdf/whitepapers/illuminata.pdf) - [Similar pages](#)[\[PDF\] Breaking the Connection: RDMA Deconstructed](#)

File Format: PDF/Adobe Acrobat

RDMA (**remote direct memory access**) over the IBM. HPS (High Performance **Switch** and ... HPS **Switch** Adapter. TCE. Tables. Adapter. **Memory**. HPS **Switch Fabric** ...  
[doi.ieeecomputersociety.org/10.1109/CONNECT.2005.9](http://doi.ieeecomputersociety.org/10.1109/CONNECT.2005.9) - [Similar pages](#)[\[PDF\] Efficient Exploitation of Kernel \*\*Access\*\* to Infiniband: a Software ...](#)

File Format: PDF/Adobe Acrobat

end-point abstraction is the **Queue Pair** (QP), which. consists of a Send Work **Queue** and a Receive ... **Remote Direct Memory Access** (**memory** semantics). The ...  
[doi.ieeecomputersociety.org/10.1109/CONNECT.2003.1231489](http://doi.ieeecomputersociety.org/10.1109/CONNECT.2003.1231489) - [Similar pages](#)[\[PDF\] Are \*\*Switched-Fabric\*\* Architectures Really Poised to Take Over the ...](#)

File Format: PDF/Adobe Acrobat

have to support optional **Remote Direct. Memory Access** (RDMA) operations over ... the **switch fabric** or to manage **queue pairs** ...  
[www.plxtech.com/press/articles/rtc/2001/rtc\\_switchfabric0411.pdf](http://www.plxtech.com/press/articles/rtc/2001/rtc_switchfabric0411.pdf) - [Similar pages](#)[Title Index](#)INT Subdomain: **Remote** Printing – Administrative Policies · Principles of Operation for the ... **Remote Direct Memory Access** (RDMA) over IP Problem Statement ...  
[dret.net/rfc-index/titles](http://dret.net/rfc-index/titles) - 977k - May 15, 2006 - [Cached](#) - [Similar pages](#)[\[PDF\] A Look at Cluster Interconnects](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)**Direct Memory Access** – DMA. **Switch**, Adapter, Host Bus.  $\mu$ processors ... Channel-Based interconnect **fabric**:. – Compute **Nodes** (or I/O Servers) Connected to ...  
[www.cecalc.ula.ve/HPCLC/slides/day\\_10/Cluster\\_Interconnects.pdf](http://www.cecalc.ula.ve/HPCLC/slides/day_10/Cluster_Interconnects.pdf) - [Similar pages](#)[0018-8646/2002/\\$5.00 \(C\) 2002 IBM FCP for the IBM eServer zSeries ...](#)All connections in a **switched fabric** provide the full Fibre Channel ... In other system configurations, PCI adapters have **direct memory access** to the system ...  
[www.research.ibm.com/journal/rd/464/adlung.txt](http://www.research.ibm.com/journal/rd/464/adlung.txt) - 63k - [Cached](#) - [Similar pages](#)[\[PDF\] Infiniband Scalability in Open MPI](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)vides both **Remote Direct Memory Access** (RDMA) ... The **Queue Pair** mechanism pro-vides user level processes **direct access** to the IB HCA. ...  
[www.open-mpi.org/papers/ipdps-2006/ipdps-2006-openmpi-ib-scalability.pdf](http://www.open-mpi.org/papers/ipdps-2006/ipdps-2006-openmpi-ib-scalability.pdf) - [Similar pages](#)[\[PDF\] 3GIO, 273 8B/10B encoding scheme, 108 1394 architecture, 43–44 ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

**switched-fabric** topology, 102–105. Fibre Channel SANs. bridges, 129 ... RDMA (**remote direct memory access**), 292. Read\_Capacity command, 311 ...  
www.informit.com/content/ images/032112698X/index/naikindex.pdf - [Similar pages](#)

[PDF](#) [Optimization of Message Passing Libraries – Two Examples](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

possible to issue **Remote Direct Memory Access** (RDMA) requests. ... This concept leads to a predictable **memory** usage per **queue pair** con- nection. ...

www.tu-chemnitz.de/informatik/ service/if-berichte/pdf/CSR-03-05.pdf - [Similar pages](#)



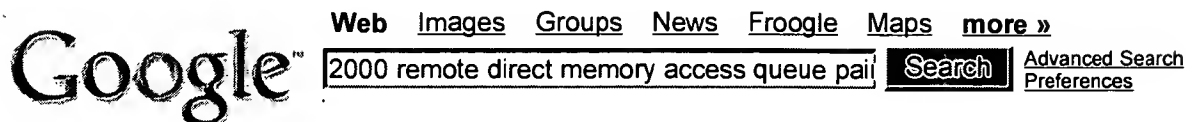
Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [Next](#)

2000 remote direct memory access

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)

**Web** Results 1 - 10 of about 52,500 for **2000 remote direct memory access queue pairs switched fabric nodes**

**[PDF] Building a User-level Direct Access File System over Infiniband**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

use of scatter-gather and **Remote Direct Memory Access**. (RDMA). ... communication end point called a **Queue Pair** (QP). Applications **access** the NI by ...  
[www.cs.rutgers.edu/~iftode/san04\\_dafs.pdf](http://www.cs.rutgers.edu/~iftode/san04_dafs.pdf) - [Similar pages](#)

**Understanding Infiniband [Cisco SFS 7000 Series InfiniBand Server ...**

Although **remote direct memory access** (RDMA) isn't strictly part of the ... To address this InfiniBand uses the concept of **queue pairs** (QPs) that are virtual ...  
[www.cisco.com/en/US/products/ps6421/products\\_white\\_paper0900aecd8043ba1d.shtml](http://www.cisco.com/en/US/products/ps6421/products_white_paper0900aecd8043ba1d.shtml) - 124k - [Cached](#) - [Similar pages](#)

**Method and apparatus to perform fabric management - Patent 6978300**

Each end **node** uses send and receive **queue pairs** to transmit and receives ... A **remote direct memory access** (RDMA) read work request provides a **memory** ...  
[www.freepatentsonline.com/6978300.html](http://www.freepatentsonline.com/6978300.html) - 80k - [Cached](#) - [Similar pages](#)

**Method and apparatus for managing access to memory - Patent 6938138**

3 includes a set of **queue pairs** (QPs) 302-310, which are used to transfer ... A **remote direct memory access** (RDMA) read work request provides a **memory** ...  
[www.freepatentsonline.com/6938138.html](http://www.freepatentsonline.com/6938138.html) - 57k - [Cached](#) - [Similar pages](#)

**[PDF] &UDIWLQJ1DWLYH6RIWZDUH6WDFNVIRU,QILQL%DQG ...**

File Format: PDF/Adobe Acrobat

These include: send, **remote direct memory access** (RDMA) write, and RDMA read. ... Rather, in InfiniBand, the **switch fabric** may have the most available ...  
[www.infinibandta.org/newsroom/whitepapers/nativestacks\\_1201.pdf](http://www.infinibandta.org/newsroom/whitepapers/nativestacks_1201.pdf) - [Similar pages](#)

**CommsDesign - Crafting Native Software Stacks for InfiniBand Designs**

Each transport layer **node** uses a send **queue** and receive **queue** called a **queue pair** (QP) ... These include: send, **remote direct memory access** (RDMA) write, ...  
[www.commsdesign.com/design\\_corner/showArticle.jhtml?articleID=16503671](http://www.commsdesign.com/design_corner/showArticle.jhtml?articleID=16503671) - 56k - [Cached](#) - [Similar pages](#)

**Mellanox Technologies - Press Releases**

This HCA features **remote direct memory access** (RDMA), hardware transport, advanced per **queue pair** (QP) QoS services and is IBTA specification v1.2 ...  
[www.mellanox.com/news/press\\_releases/pr\\_030606.php](http://www.mellanox.com/news/press_releases/pr_030606.php) - 23k - [Cached](#) - [Similar pages](#)

**[PDF] Performance Evaluation of InfiniBand with PCI Express**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

advanced features such as **Remote Direct Memory Access** ... (IBA) [1] defines a **switched network fabric** for interconnecting processing **nodes** and I/O. **nodes**. ...  
[nowlab.cse.ohio-state.edu/publications/conf-papers/2004/liuj-hoti04.pdf](http://nowlab.cse.ohio-state.edu/publications/conf-papers/2004/liuj-hoti04.pdf) - [Similar pages](#)

**[PDF] Exploiting Remote Memory in InfiniBand Clusters using a High ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

primitives to **access remote memory** efficiently and enhance the **memory** hierarchy. ...  
**tion queue**, shared registered **memory** pool and **queue pair**. arrays. ...



Try your search again on [Google Book Search](#)

Gooodooooooooooooogle ▶

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

Free! Get the Google Toolbar. [Download Now](#) - [About Toolbar](#)

Google   Search  377 blocked  Check  AutoLink  AutoFill

2000 remote direct memory access

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google